L Number	Hits	Search Text	DB	Time stamp
1	405	(427/534).CCLS.	USPAT;	2004/09/03 09:27
2	413	(427/237).CCLS.	US-PGPUB USPAT;	2004/09/03 09:27
3	658	(427/239).CCLS.	US-PGPUB USPAT;	2004/09/03 09:27
4	240	(427/249.15).CCLS.	US-PGPUB USPAT;	2004/09/03 09:28
5	604	(427/255.28).CCLS.	US-PGPUB USPAT;	2004/09/03 09:28
6	334	(427/255.37).CCLS.	US-PGPUB USPAT;	2004/09/03 09:28
7	354	(427/255.394).CCLS.	US-PGPUB USPAT; US-PGPUB	2004/09/03 09:28
8	1367	(134/1.1,1.2,22.1).CCLS.	USPAT; US-PGPUB	2004/09/03 09:28
9	253	(438/905).CCLS.	USPAT; US-PGPUB	2004/09/03 09:29
10	0	("L1L2L3L4L5L6L7L8").PN.	USPAT; US-PGPUB	2004/09/03 09:29
11	4097	((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:29
12	3	((134/1.1,1.2,22.1).CCLS.) (((427/237).CCLS.) or ((427/239).CCLS.)) and ((427/249.15).CCLS.)	USPAT;	2004/09/03 09:31
13	11	(((427/237).CCLS.) or ((427/239).CCLS.)) and ((427/255.37).CCLS.)	US-PGPUB USPAT;	2004/09/03 09:32
14	6	(((427/237).CCLS.) or ((427/239).CCLS.)) and ((427/255.394).CCLS.)	US-PGPUB USPAT; US-PGPUB	2004/09/03 09:34
15	6	(((427/237).CCLS.) or ((427/239).CCLS.)) and ((134/1.1,1.2,22.1).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:35
16	2	(((427/237).CCLS.) or ((427/239).CCLS.)) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:36
17	7	(((427/534).CCLS.)) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:37
18	132	(((134/1.1,1.2,22.1).CCLS.)) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:37
19	132	((134/1.1,1.2,22.1).CCLS.) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:38
20	0	((427/249.15).CCLS.) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:38
21	3	((427/255.37).CCLS.) and ((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:39
22	0	((438/905).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:39
23	28	((427/534).CCLS.) and ((134/1.1,1.2,22.1).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:39
7.4	49	(((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or	USPAT; US-PGPUB	2004/09/03 10:35
25		(shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))		
25	2	(((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (season\$3) with (SiN or Si3N4 or "Si.sub.3 N.sub.4" or "Si.sub.3N.sub.4" or (silicon adj	USPAT; US-PGPUB	2004/09/03 09:57
		nitride)))		

26	1	///407/534) 6010) //407/007/		
26	0	(((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.)	USPAT; US-PGPUB	2004/09/03 09:57
27	0	((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (season\$3) with (SiC (silicon adj carbide)) (((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4	USPAT; US-PGPUB	2004/09/03 09:57
28	2	adj plate) or manifold) same (season\$3) with (SiC (silicon near2 carbide)))	USPAT; US-PGPUB	2004/09/03 10:13
29	0	((427/249.15).CCLS.) and season\$3	USPAT; US-PGPUB	2004/09/03 10:11
30	14	((427/249.15).CCLS.) and passivat\$3	USPAT; US-PGPUB	2004/09/03 10:11
31	153	((chamber or reactor or vessel or showerhead or (shower adj head) or (gas	USPAT; US-PGPUB	2004/09/03 10:19
32	13	adj distribut\$4 adj plate) or manifold) with wall with (deposit\$3 or coat\$3 or film or layer or \$4CVD) with (SiC (silicon near2 carbide))) (((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with wall with (deposit\$3 or coat\$3 or film or layer or \$4CVD) with (SiC (silicon near2 carbide)))) and (((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.)	USPAT; US-PGPUB	2004/09/03 10:14
34	22	((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) ((season\$3) with (SiC or (silicon near2 carbide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/03 10:17
33	140	(((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with wall with (deposit\$3 or coat\$3 or film or layer or \$4CVD) with (SiC (silicon near2 carbide)))) not (((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with wall with (deposit\$3 or coat\$3 or film or layer or \$4CVD) with (SiC (silicon near2 carbide))) and ((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)))	IBM_TDB USPAT; US-PGPUB	2004/09/03 10:18
35	1	((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with wall with (passivat\$5) with (SiC (silicon near2 carbide)))	USPAT; US-PGPUB	2004/09/03 10:19

Showerhoad or (shower adj head) or (gas adj distributs4 adj plate) or manifold with (passivats5) with (SiC (silicon near2 carbide))	36	20	((chamber or reactor or vessel or	USPAT;	2004/00/03 10 01
adj distribut84 adj plate) or manifold) with (passivat85) with (Sic (silicon near) carbide);)		20			2004/09/03 10:21
with (passivat55) with (sic (silicon near2 carbide))			adj distribut\$4 adj plate) or manifold)	OB TGTOB	
10					
Showerhead or (Shower adj head) or (gas adj distributs4 adj plate) or manifold) with (passivats5) with (SiC (silicon near) carbido)) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distributs4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3)) (17 (chamber or reactor or vessel or Showerhead or (shower adj head) or (gas adj distributs4 adj plate) or manifold) (BPAT; (BPAT)					
add distribut84 adj plate) or manifold) with (passivat85) with (SLC (silicon near2 carbide))) 276 ((chamber or reactor or vessel or showerhead or (shower ad) head) or (gas adj distribut84 adj plate) or manifold) EPG, JFO; DERMENT: 171 ((chamber or reactor or vessel or showerhead or (shower ad) head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or reactor or vessel or showerhead or (shower ad) head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or reactor or vessel or showerhead or (shower ad) head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or reactor or vessel or showerhead or (shower ad) head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or vessel or showerhead or (shower adj head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DERMENT: 181 ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut84 adj plate) or manifold; EPG, JFO; DFO; DFO; DFO; DFO; DFO; DFO; DFO; D	37	5	((chamber or reactor or vessel or	EPO; JPO;	2004/09/03 10:22
with (passivat55) with (SiC (silicon near2 carbido)) ((chamber or reactor or vessel or showerhead or (ahower adj head) or (gas adj distribut\$4 adj plate) or manifold) Semestic or precicion\$3) same (season\$3)) (chamber or reactor or vessel or showerhead or (shower adj head) or (gas with (clean\$3) or or precicion\$3) and or precicion\$3 or dryclean\$3 or precicion\$3 or precicion\$3 or dryclean\$3 or precicion\$3 or precicion\$3 or dryclean\$3 or precicion\$3 or dryclean\$3 or precicion\$3 or precicion\$3 or dryclean\$3 or d			showerhead or (shower adj head) or (gas	1	
Carbidel) Cichamber or reactor or vessel or showerhead or (shower adj hoad) or (qas adj distributs4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 o			adj distribut\$4 adj plate) or manifold)	IBM_TDB	
276 ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) Same (clean\$3) same (season\$3) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) With (clean\$3) or postclean\$3 or dryclean\$3 ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) With (clean\$3) or postclean\$3 or dryclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or postclean\$3 or postclean\$3 or dryclean\$3 or postclean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or dryclean\$3 or dryclean\$3 or postclean\$3 or dryclean\$3 or dryc					
Showerhead or Ishower adj head) or (gas adj distributs adj plate) or manifold) Same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (sean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (sean\$3 or dryclean\$3 or preclean\$3 o	38	276		HCDAT.	2004/00/03 10:36
adj distribut% adj plate) or manifold) Same (clean\$3 or postclean\$3 or postcl					2004/09/03 10:36
Same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 same (season\$3) or preclean\$3 same (season\$3) or preclean\$3 same (season\$3) or preclean\$3 same (season\$3) or preclean\$3 or prec			adj distribut\$4 adj plate) or manifold)		
1711			same (clean\$3 or postclean\$3 or dryclean\$3		İ
Showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) with (season\$3)) (continue) or preclean\$3 or dryclean\$3 or dryclean\$3 or dryclean\$3 or dryclean\$3 or preclean\$3) with (season\$3) or dryclean\$3 or preclean\$3) with (season\$3) or dryclean\$3 or preclean\$3) with (season\$3) or dryclean\$3 or dryclean\$3 or preclean\$3) with (season\$3) with (season\$4) with (season\$4) with (season\$4) with (season\$5) with (season\$4) with (season\$5) with (season\$5) with (season\$6) with (seaso			or preclean\$3) same (season\$3))	1	
### adj distribut84 adj plate) or manifold) with (clean83 or postclean83 or dryclean83) or preclean83) with (season83)) 131 (((chamber or reactor or vessel or showerhead or (shower adj head) or (qas adj distribut84 adj plate) or manifold) with (clean83 or postclean83 or dryclean83 or preclean83) with (season83)) not ((((427/239, CCLS.) ((427/249.15).CCLS.) ((427/249.15).CCLS.) ((427/249.15).CCLS.) ((427/249.15).CCLS.) ((1427/249.15).CCLS.) ((1427/255.28).CCLS.) ((1427/255.37).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1427/255.394).CCLS.) ((1647/255.394).CCLS.) ((1647/255.294).CCLS.) ((1647/255.294).	39	171	((chamber or reactor or vessel or		2004/09/03 10:44
with (clean\$3 or postclean\$3 or dryclean\$3 OBEMENT; TEM TDB (((chamber or reactor or vessel or showerhead or (shower adj head) or (qas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) with (season\$3)) not (((427/239).CCLS.) (427/2291).CCLS.) (427/2291).CCLS.) (427/239).CCLS.) (427/2291).CCLS.) (427/2255.28).CCLS.) (427/2255.37).CCLS.) ((1347.1,1.2,22.1).CCLS.)) and (chamber or reactor or vessel or showerhead or (shower adj head) or (qas adj distribut\$4 adj plate) or manifold) with (clean\$3 or preclean\$3) or preclean\$3 or film or layer or deposit\$4 or \$4CVD) 42			showerhead or (shower adj head) or (gas		
131			adj distribut\$4 adj plate) or manifold)		·
131				1	
Showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) with (season\$3)) not (((427/239).CCLS.) (427/237).CCLS.) (427/239).CCLS.) ((427/2355.394).CCLS.) ((427/2355.394).CCLS.) ((13471.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3)) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or film or layer or deposit\$4 or \$4CVD)) (Clean\$5 or postclean\$3 or dryclean\$3 or film or layer or deposit\$4 or \$4CVD)) not (((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/2491,55.28).CCLS.) ((427/255.391).CCLS.) ((347/255.391).CCLS.) ((347/25	40	131	of preclean(3) with (season(3))		0004/00/00 10 05
adj distribut\$4 adj plate) or manifold)	10	151	Showerhead or (shower add head) or (gas		2004/09/03 10:36
with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 with (season\$3)) not (((427/2534).cCls.) (427/2737).CCls.) (427/27).CCls.) (427/255.28).CCls.) (427/255.37).CCls.) (427/255.28).CCls.) (427/255.37).CCls.) (427/255.28).CCls.) (427/255.37).CCls.) (427/255.28).CCls.) (427/255.37).CCls.) (427/255.38).CCls.) (427/255.37).CCls.) (427/255.38).CCls.) (427/255.37).CCls.) (427/255.38).CCls.) (427/255.37).CCls.) (427/255.38) cCls.) (427/255.37).CCls.) (427/261.28) core postclean\$3 or dysclean\$3 or postclean\$3 or postclean\$3 or postclean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 with (clean\$3 or film or layer or deposit\$4 or \$4CVD)) not (((427/254).CCls.) ((427/254).CCls.) ((427/253).CCls.) ((427/253).CCls.) ((427/255.37).CCls.) ((427/255.28).CCls.) ((427/255.37).CCls.) ((427/255.28).CCls.) ((427/255.37).CCls.) ((427/255.39).CCls.) ((427/255.37).CCls.) ((427/255.39).CCls.) ((134/1.1,1.2,22.1).CCls.)) and ((cleam\$6 or creator or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) (SPAT; US-PGPUB; EPO; JPO; DERWENT; LBM TDB (SPAT; US-PGPUB; EPO; JPO; DERWENT; LBM TD				1	
	İ				
(((427/334).CCLS.) ((427/237).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or proclean\$3) same (season\$3))) (101 ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or film or layer or deposit\$4 or \$4CVD)) ((((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or preclean\$3 or film or layer or deposit\$4 or \$4CVD)) not ((((427/534).CCLS.) ((427/249.15).CCLS.) ((427/255.394).CCLS.) ((427/249.15).CCLS.) ((427/255.394).CCLS.) ((427/249.15).CCLS.) ((427/255.394).CCLS.) ((427/249.15).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) DEMEND; DEDO; JPO; DEMEND; DEPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J			or preclean\$3) with (season\$3))) not	r ·	
((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.28).CCLS.) ((127/255.37).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distributs4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD)) (((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD)) not (((427/253).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/249.15).CCLS.) ((427/255.39).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or preclean\$3) same (season\$3))) 43 44 45 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) DERWENT; IBM_TDB 44 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) DERWENT; IBM_TDB 45 46 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) DERWENT; IBM_TDB 47 48 49 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) DERWENT; IBM_TDB			((((427/534).CCLS.) ((427/237).CCLS.)		
((427/255.34).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) or preclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or preclean\$3 or preclean\$3 or dryclean\$3 or preclean\$3 or preclean\$3 or dryclean\$3 or preclean\$3 or postclean\$3 or dryclean\$3 or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or postclean\$3 or dryclean\$3 or dryclean\$3 or preclean\$3 or dryclean\$3 or dryclean\$3 or preclean\$3 or dryclean\$3 or dryclean\$3 or preclean\$3 or dryclean\$3 or d			((427/239).CCLS.) ((427/249.15).CCLS.)		
((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or preclean\$3) same (season\$3))) ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (clean\$3 or preclean\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD)) (((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) EPO; JPO; DERWENT; IBM_TDB 2004/09/03 10:37 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 78 (((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) EPO; JPO; DERWENT; IBM_TDB 2004/09/03 10:37 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2004/09/03 10:37 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2004/09/03 10:37 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2004/09/03 10:37 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 40 41 42 43 44 45 45 ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) 43 44 55 ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) mear4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) 44 56 ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 45 46 47 48 49 40 50 ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 47 48 49 40 40 41 40 41 40 41 41 41 41			((427/255.28).CCLS.) ((427/255.37).CCLS.)		
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\$4CVD))) not ((((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.)) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))) (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) 44 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 6 (showerhead) or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 7 (showerhead) or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 8 (showerhead) or (showerhead) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) 8 (showerhead) or (showerhead) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD)			or preclean\$3) with (season\$3) with	IBM_TDB	
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adj plate) or manifold) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))) 4 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold)			(shower adj head) or (gas adj distribut\$4		
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adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	13		same (season\$3)))		
with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD) 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	43	4	adi distributs/ adi plata/ are is a madi		2004/09/03 10:45
layer or deposit\$4 or \$4CVD) 5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) With (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) DERWENT; US-PGPUB; EPO; JPO; DERWENT;			with (season\$3) near4 (coat\$2 on file and		
(showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) Sequence IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;		1	layer or deposit\$4 or \$4000		
5 (showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) With (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) USPĀT; US-PGPUB; EPO; JPO; DERWENT;			1 or apported of A4CAD)	· ·	
adj distribut\$4 adj plate) or manifold) WS-PGPUB; with (season\$3) with (coat\$3 or film or EPO; JPO; layer or deposit\$4 or \$4CVD) DERWENT;	44	5	(showerhead or (shower adi head) or (mas		2004/09/03 10:46
with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD) EPO; JPO; DERWENT;			adj distribut\$4 adj plate) or manifold)		2003/03/03 IU:40
layer or deposit\$4 or \$4CVD) DERWENT;			with (season\$3) with (coat\$3 or film or		
IBM TDB	ĺ		layer or deposit\$4 or \$4CVD)		
		<u> </u>			

45	1	((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD)) not ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) near4 (coat\$3 or film or layer or deposit\$4 or \$4CVD))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/03 10:46
46	40	<pre>(showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/03 10:47
48	0	(((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3)) not ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD))) and (((427/534).CCLS.) ((427/237).CCLS.) ((427/239).CCLS.) ((427/249.15).CCLS.) ((427/255.28).CCLS.) ((427/255.37).CCLS.) ((427/255.394).CCLS.) ((134/1.1,1.2,22.1).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/03 10:47
47	35	((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3)) not ((showerhead or (shower adj head) or (gas adj distribut\$4 adj plate) or manifold) with (season\$3) with (coat\$3 or film or layer or deposit\$4 or \$4CVD))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/03 10:47
-	23	(Li.in. or Lu.in. or (taiwan adj semiconductor).as.) and ((chamber or reactor or vessel) with (clean\$3 or postclean\$3) with (season\$3))	USPAT; US-PGPUB	2004/09/03 08:25
_	33	(Li.in. or Lu.in. or (taiwan adj semiconductor).as.) and ((chamber or reactor or vessel) with (clean\$3 or postclean\$3) with ((coat\$3 or deposit\$3 or passivat\$4) near3 (showerhead or wall or (shower adj head) or (gas adj distribution adj plate))))	USPAT; US-PGPUB	2004/09/02 18:05
-	23	((Li.in. or Lu.in. or (taiwan adj semiconductor).as.) and ((chamber or reactor or vessel) with (clean\$3 or postclean\$3) with ((coat\$3 or deposit\$3 or passivat\$4) near3 (showerhead or wall or (shower adj head) or (gas adj distribution adj plate))))) not ((Li.in. or Lu.in. or (taiwan adj semiconductor).as.) and ((chamber or reactor or vessel) with	USPAT; US-PGPUB	2004/09/02 17:55
_	26	(clean\$3 or postclean\$3) with (season\$3))) (Li.in. or Lu.in. or (taiwan adj semiconductor).as.) and ((chamber or reactor or vessel or showerhead or (shower adj head) or (gas adj distribut\$4 adj plate)) same (clean\$3 or postclean\$3 or dryclean\$3 or preclean\$3) same (season\$3))	USPAT; US-PGPUB	2004/09/03 09:42

-	3	((Li.in. or Lu.in. or (taiwan adj	USPAT;	2004/09/02 17:58
		semiconductor).as.) and ((chamber or	US-PGPUB	
		reactor or vessel or showerhead or (shower		
		adj head) or (gas adj distribut\$4 adj		
		plate)) same (clean\$3 or postclean\$3 or		
		dryclean\$3 or preclean\$3) same		
		(season\$3))) not (((Li.in. or Lu.in. or		
		(taiwan adj semiconductor).as.) and		
		((chamber or reactor or vessel) with		
		(clean\$3 or postclean\$3) with (season\$3)))		
		or ((Li.in. or Lu.in. or (taiwan adj		
		semiconductor).as.) and ((chamber or		
		reactor or vessel) with (clean\$3 or		
		postclean\$3) with ((coat\$3 or deposit\$3 or		
		passivat\$4) near3 (showerhead or wall or		
		(shower adj head) or (gas adj distribution		
İ		adj plate))))))	İ	
-	1	5824375.pn.	USPAT;	2004/09/02 18:00
			US-PGPUB	
-	4	(Li.in. or Lu.in. or (taiwan adj	EPO; JPO;	2004/09/02 18:02
		semiconductor).as.) and ((chamber or	DERWENT;	
		reactor or vessel or showerhead or (shower	IBM TDB	i
		adj head) or (gas adj distribut\$4 adj	_	
		plate)) same (clean\$3 or postclean\$3 or		
		dryclean\$3 or preclean\$3) same (season\$3))		
-	6		EPO; JPO;	2004/09/02 18:05
		semiconductor).as.) and ((chamber or	DERWENT;	2001/05/02 10:05
		reactor or vessel) with (clean\$3 or	IBM TDB	l
		postclean\$3) with ((coat\$3 or deposit\$3 or		
		passivat\$4) near3 (showerhead or wall or		
	ĺ	(shower adj head) or (gas adj distribution		
		adj plate))))		
-	24	(Li.in. or Lu.in. or (taiwan adj	USPAT;	2004/09/03 08:25
		semiconductor).as.) and ((chamber or	US-PGPUB	2001/03/03 00:23
		reactor or vessel) with (clean\$3 or	33 20202	
		postclean\$3)) and ((chamber or reactor or		
		vessel or showerhead or (shower adj head)		
		or (gas adj distribut\$4 adj plate)) with		
		(season\$3))		
-	23	(Li.in. or Lu.in. or (taiwan adj	USPAT;	2004/09/03 08:25
		semiconductor).as.) and ((chamber or	US-PGPUB	2004/05/05 08:25
		reactor or vessel) with (clean\$3 or	20 10100	
		postclean\$3) with (season\$3))		
-	1	((Li.in. or Lu.in. or (taiwan adj	USPAT;	2004/09/03 09:27
		semiconductor).as.) and ((chamber or	US-PGPUB	2004/03/03 03:27
		reactor or vessel) with (clean\$3 or	00 10100	· [
		postclean\$3)) and ((chamber or reactor or		
		vessel or showerhead or (shower adj head)		
]	or (gas adj distribut\$4 adj plate)) with		ĺ
	l	(season\$3))) not ((Li.in. or Lu.in. or		[
		(taiwan adj semiconductor).as.) and		
	[((chamber or reactor or vessel) with		
		(clean\$3 or postclean\$3) with (season\$3))		
)		
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